

Fig. 2

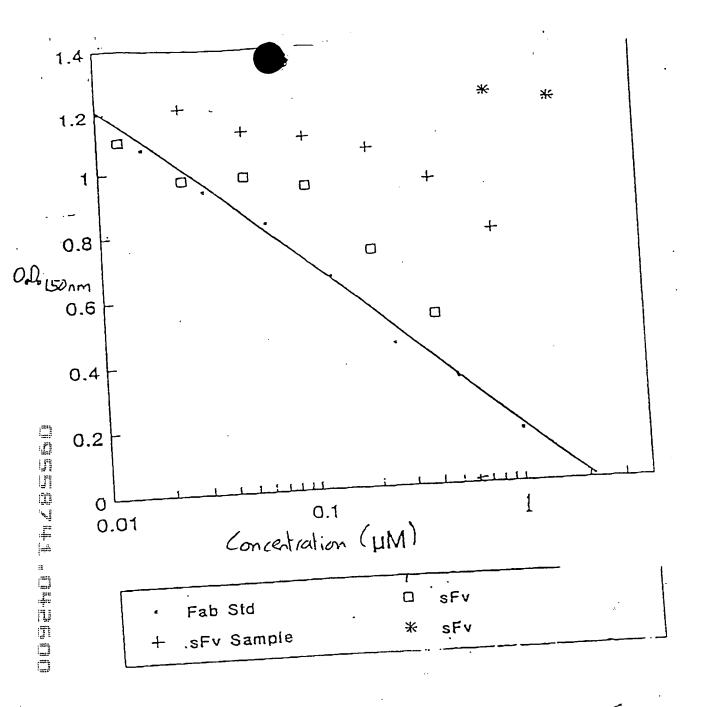


Fig. 3

FIGURE 4

Tumor:Organ Ratios of sFv' and (sFv')2 Species

| Organ Tumor 1.0 1.0 1.0 Liver 9.2 5.9 10.0 21.2 Spleen 13.4* 0.9 6.2 16.4 Spleen 13.4* 0.9 6.2 16.4 Kidney 1.6* 2.3 3.0 6.6 Kidney 1.6* 0.6 6.4 9.3 Lung 4.9* 100.0 74.6 92.9 Heart 16.5 20.0 19.0 32.6 Stomach 2.7* 11.1 11.5 13.5 Intestine 20.4* 25.0 30.7 26.5 | | 741F8 SFV' | 741F8 (sFv')2 | 741F8 (Gly4Cys-sFv')2 | 741F8 MCA-(sFv')2 | 26-10 (sFv')2 |
|--|-----------|---------------|------------------|--------------------------|----------------------|------------------|
| 1.0 1.0 1.0 9.2 5.9 10.0 13.4* 0.9 6.2 1.6* 2.3 3.0 4.9* 0.6 6.4 51.2* 100.0 74.6 16.5 20.0 19.0 2.7* 11.1 11.5 | Organ | | | | | |
| 9.2 5.9 10.0 13.4* 0.9 6.2 1.6* 2.3 3.0 4.9* 0.6 6.4 51.2* 100.0 74.6 16.5 20.0 19.0 2.7* 11.1 11.5 | Tumor | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 13.4* 0.9 6.2 1.6* 2.3 3.0 4.9* 0.6 6.4 51.2* 100.0 74.6 16.5 20.0 19.0 2.7* 11.1 11.5 | Liver | 9.5 | 5.9 | 10.0 | 21.2 | 2.2 |
| 1.6* 2.3 3.0 4.9* 0.6 6.4 51.2* 100.0 74.6 16.5 20.0 19.0 2.7* 11.1 11.5 2.0.4* 25.0 30.7 | Spleen | 13.4* | 0.9 | 6.2 | 16.4 | 1.8 |
| 4.9* 0.6 6.4 51.2* 100.0 74.6 16.5 20.0 19.0 2.7* 11.1 11.5 20.4* 25.0 30.7 | Kidney | 1.6* | 2.3 | 3.0 | 9.9 | 0.5 |
| 51.2* 100.0 74.6 16.5 20.0 19.0 2.7* 11.1 11.5 20.4* 25.0 30.7 | Lung | *6.7 | 9.0 | 6.4 | 9.3 | 1.4 |
| 16.5 20.0 19.0 2.7* 11.1 11.5 20.4* 25.0 30.7 | Muscle | 51.2* | 100.0 | 74.6 | 92.9 | 15.0* |
| 2.7* 11.1 11.5 20.4* 25.0 30.7 | Heart | 16.5 | 20.0 | 19.0 | 32.6 | 4.4 |
| 20.4* 25.0 30.7 | Stomach | 2.7* | 11.1 | 11.5 | 13.5 | 1.6* |
| | Intestine | 20.4* | 25.0 | 30.7 | 26.5 | 5.3 |

*SEM< 40% of depicted value

FIGURE 5

Percentage of Injected Dose Per Gram of Tumor for sFv' and (sFv')2 Species.

| 26-10 (sFv')2 | | 0.22 | 0.11 | 0.13 | 0.45 | 0.18 | 0.02 | 90.0 | 0.22 | 0.05 |
|--------------------------|-------|-------|-------|--------|--------|-------|--------|-------|---------|-----------|
| 741F8 MCA-(sFv')2 | | 1.86 | 0.09 | 0.12 | 0.28 | 0.22 | 0.02 | 90.0 | 0.15 | 0.07 |
| 741F8 (Gly4Cys-sFv')2 | | 1.60 | 0.16 | 0.26 | 0.55 | 0.26 | 0.02 | 0.08 | 0.17 | 90.0 |
| 741F8 (sFv')2 | | 1.00* | 0.17 | 1.05 | 0.43 | 1.61* | 0.01 | 0.05 | 0.09 | 0.04 |
| 741F8 SFV' | | 1.00 | 0.11 | 0.10 | 0.64 | 0.73 | 0.02 | 0.07 | 0.49 | 90.0 |
| | Organ | Tumor | Liver | Spleen | Kidney | Lung | Muscle | Heart | Stomach | Intestine |

*SEM< 40% of depicted value

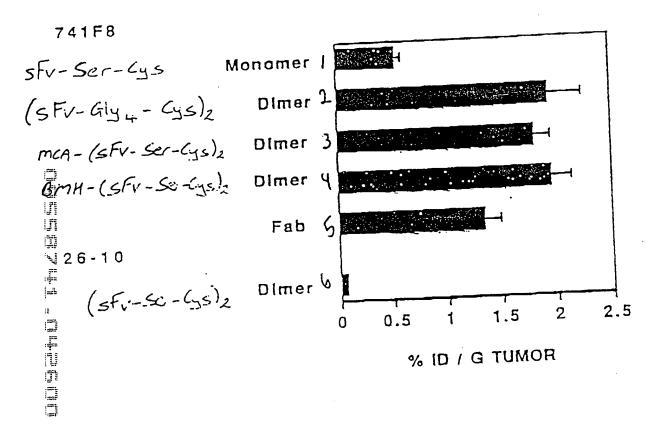
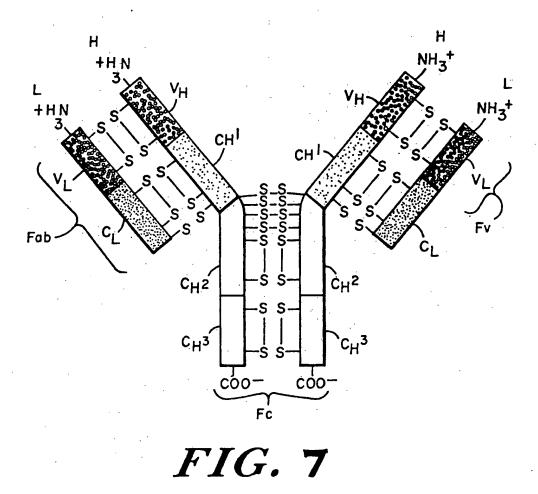


Fig 6



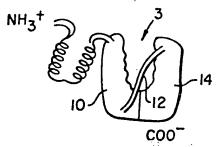


FIG. 8A

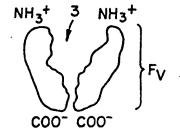
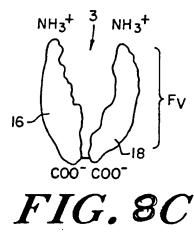


FIG. 8B



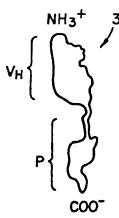


FIG.8D